

REMARKS

Claims 1-32 are pending in the application. Applicants amend claims 1, 6, 11, 16, 21, and 27 for minor corrections. No new matter has been added.

Applicants acknowledge with appreciation the Examiner's finding that claims 1-15 and 21-31 contain allowable subject matter.

The Examiner objected to the previously-filed new Figs. 3A, 3B, and 5 for not including the label "Replacement Sheet," and objected to Fig. 20 under MPEP § 608.02(g) for failing to designate that which is old as "Prior Art." Applicants enclose replacement sheets for these figures with the requisite labels, and respectfully request that the Examiner withdraw the objection.

The Examiner objected to claims 6-10 and 27-32 for alleged antecedent basis informalities in claims 6 and 27. Applicants respectfully point out that claims 6 and 27 both provide antecedent basis for the "frequency offset" cited by the Examiner at the end of the respective first "complex time-domain response signals" features recited in these claims. Accordingly, Applicants respectfully request that the Examiner withdraw the objection.

Claims 16-20 and 32 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement.

Applicants refer the Examiner to Fig. 18 and its corresponding description in the specification for an exemplary embodiment of and support for the features that were objected to in this rejection. Please see, e.g., elements 13b, 15, and 17 in Fig. 18 of the application and page 42, line 27 to page 43, line 8 of the specification. Accordingly, Applicants respectfully request that the Examiner withdraw the § 112, ¶ 1 rejection.

Claims 1-32 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter of the invention.

The Examiner rejected the claims for antecedent basis issues in claims 1, 6, 11, 16, 21, and 27, which Applicants correct by amendment. Accordingly, Applicants respectfully request that the Examiner withdraw the § 112, ¶ 2 rejection.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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